



FEMA



Prepared by
Stephen Harrison

FEMA Region 6 Weather Threat Briefing

Wednesday, August 14, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Isolated strong to severe thunderstorms possible across LA, E TX, E NM & the TX/OK Panhandles today, and across the TX/OK Panhandles Thursday and Friday.**
- **Heavy rain/isolated flash flooding possible across E NM, TX Panhandle, E TX & LA today and across NM Thursday.**
- **Today is the last day of widespread dangerous heat across TX and LA.**
- **Tropical cyclone activity is not expected in the next five days.**

FEMA Region 6 Threat Matrix

Aug 14, 2019 - Aug 18, 2019



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	LA/ETX/E NM & the TX/OK Panhandles	TX/OK Panhandles	TX/OK Panhandles		
Heavy Rain / Flash Flooding	E NM/TX Panhandle/ ETX/LA	NM		LA	LA
Excessive Heat	E & STX/LA				
Tropical Weather					
River Flooding	NE OK				

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

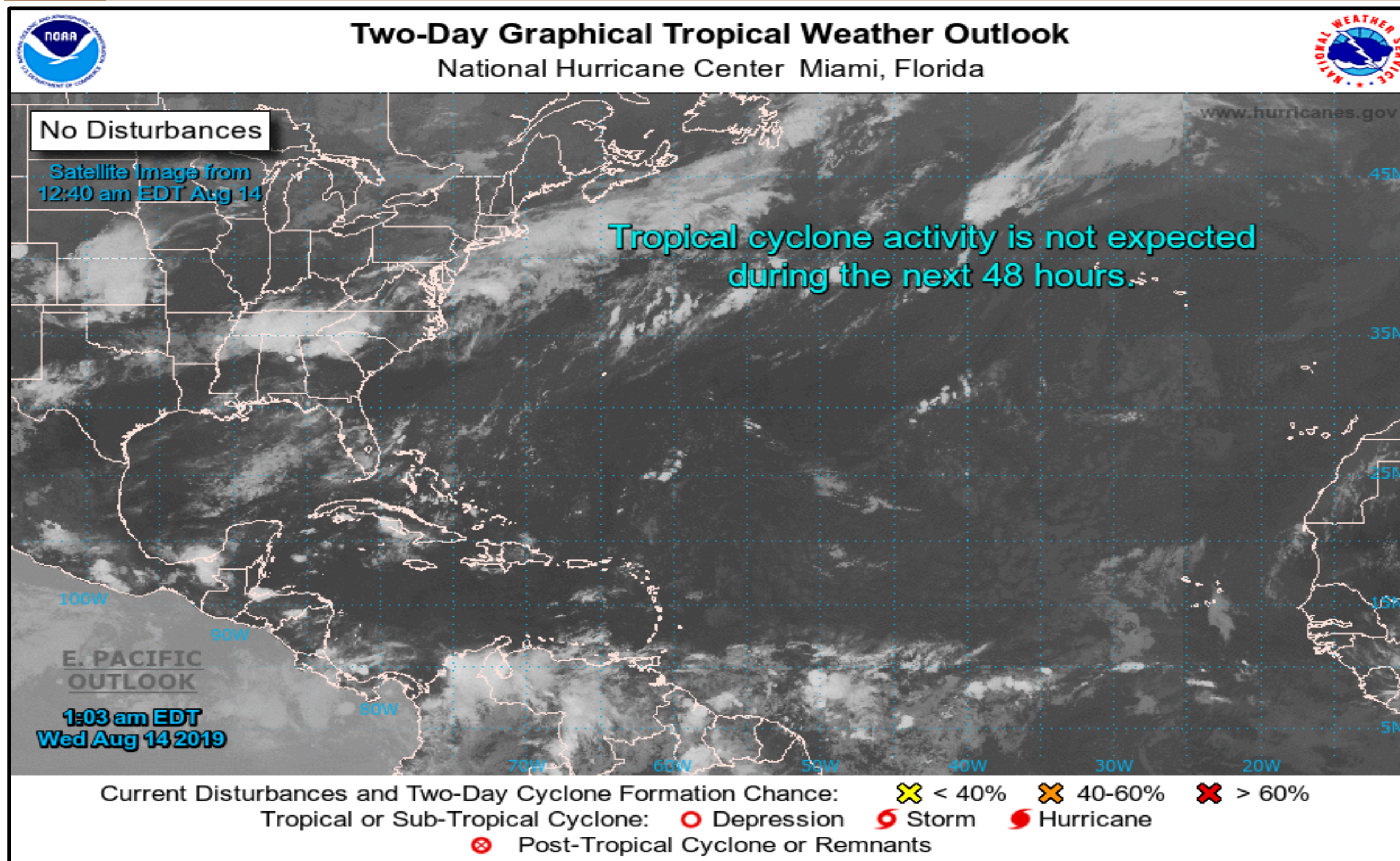
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf

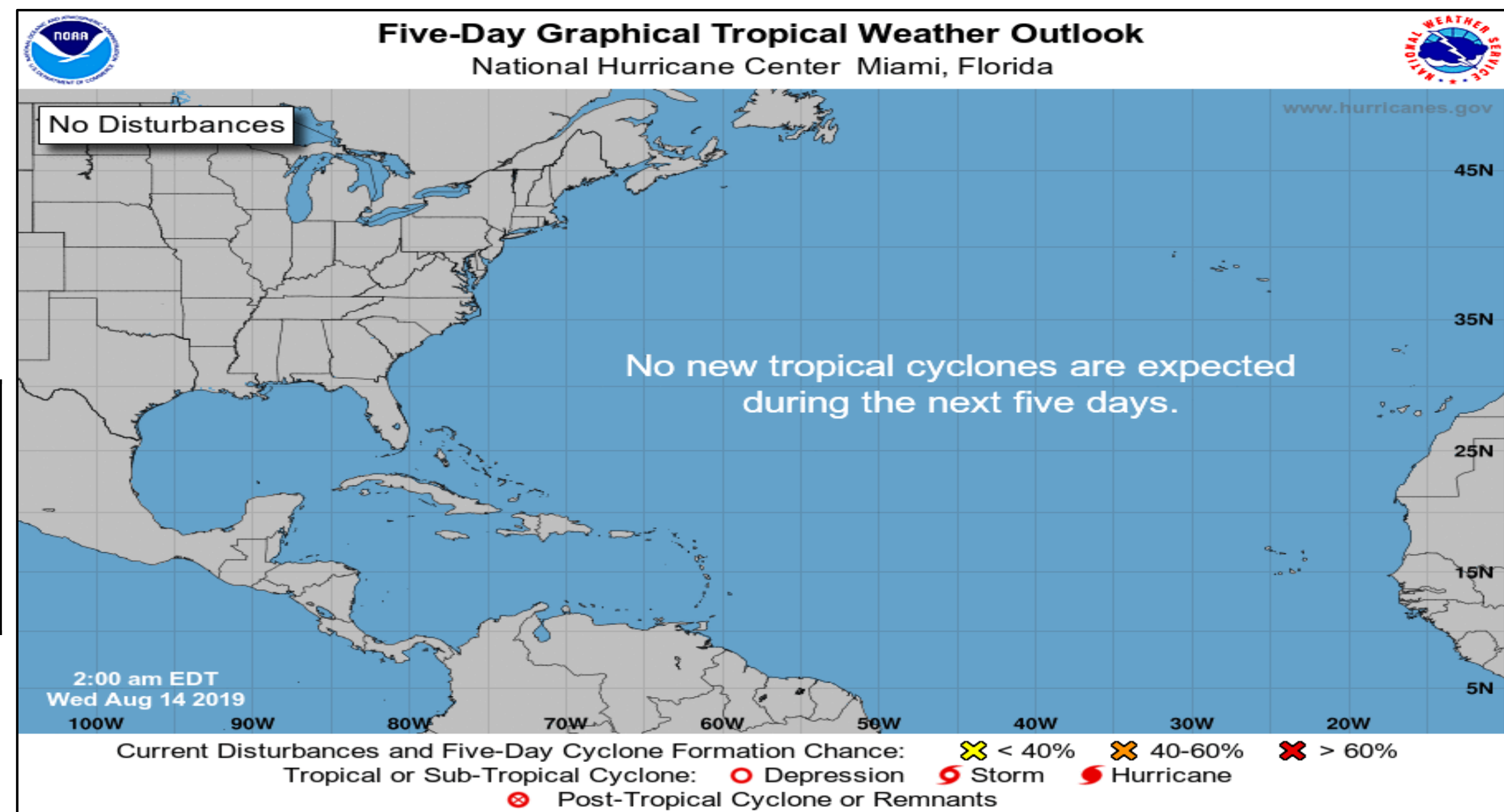


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FEMA Region 6 Threat Level
No impacts to Region 6 expected.

Tropical Formation Potential
Tropical cyclone formation is not expected during the next 5 days.



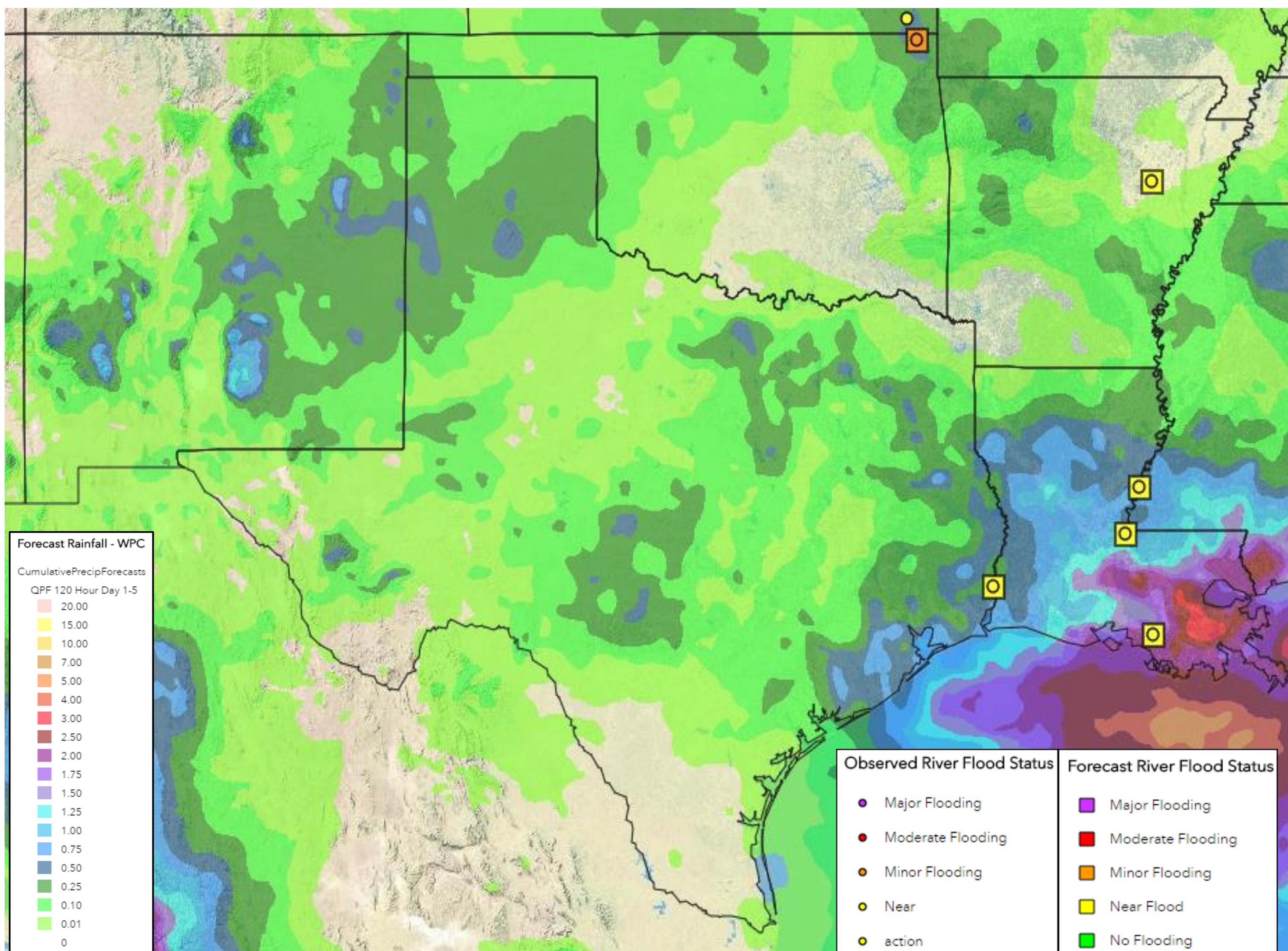
5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

Neosho River Near Commerce, OK:
Is in minor flood stage but will lower back below flood stage by early Thursday. Minor lowland flooding occurs in low lying areas in Riverview Park.



Today's Weather



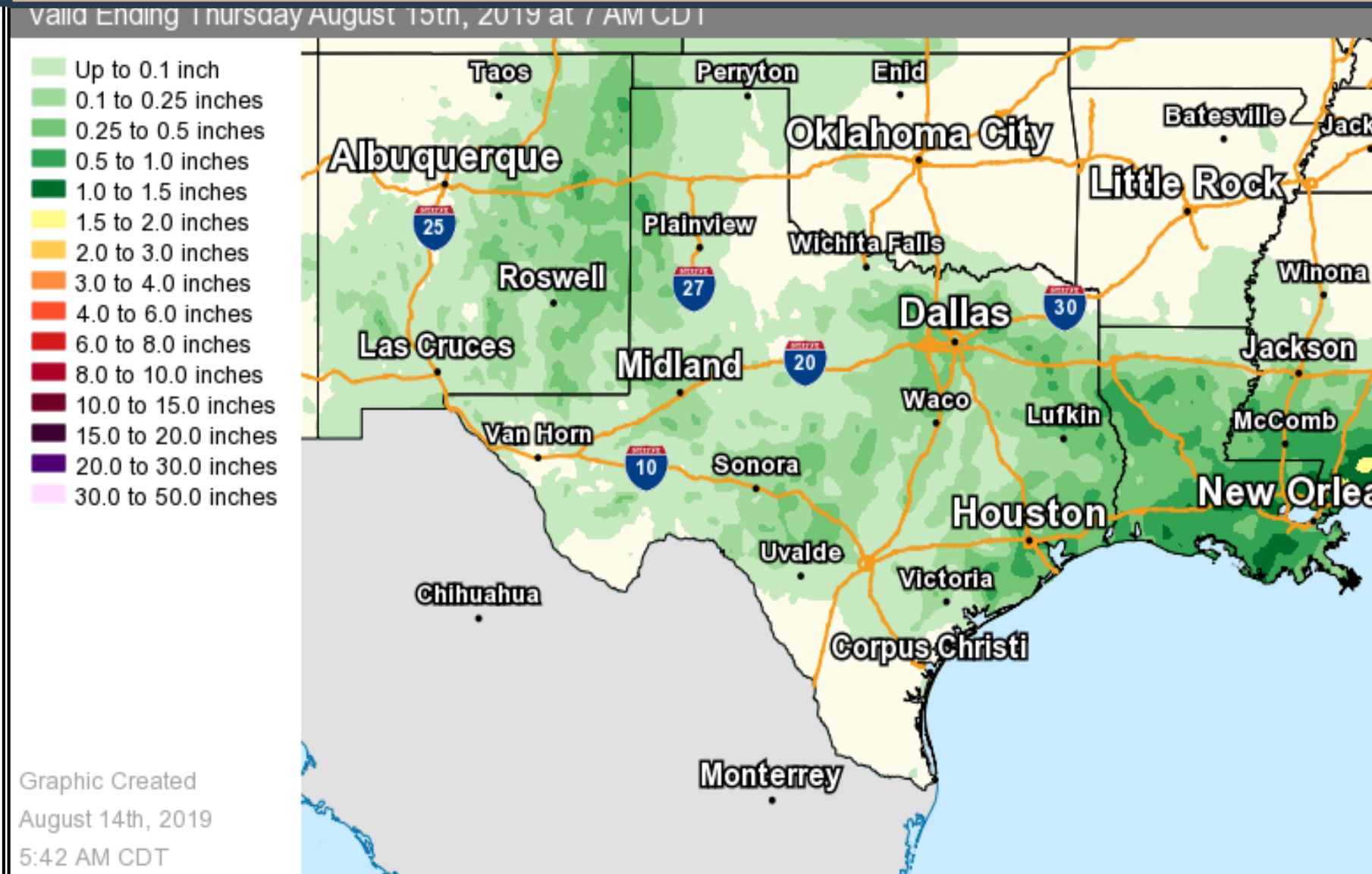
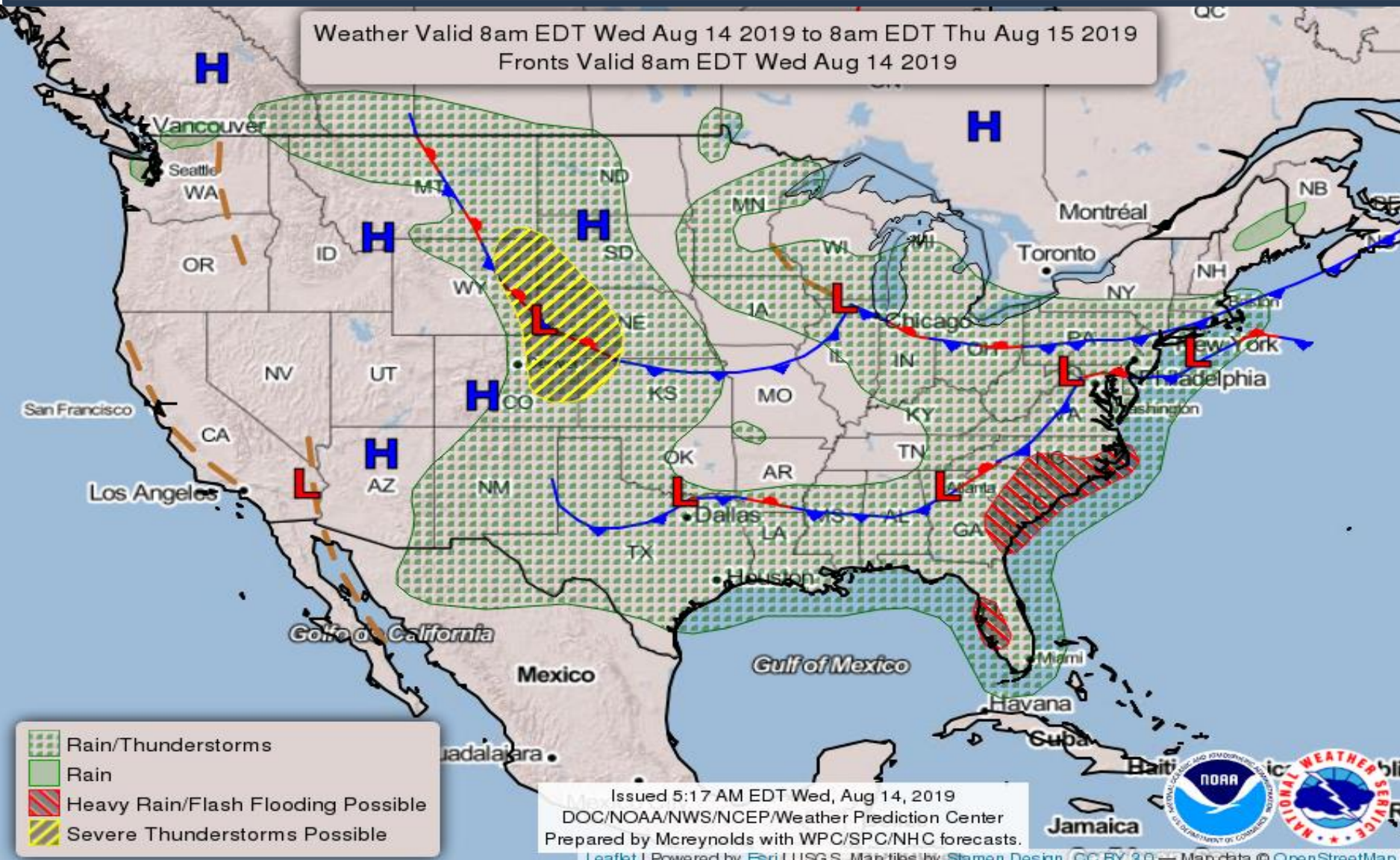
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Forecast Chart

Forecast Rainfall

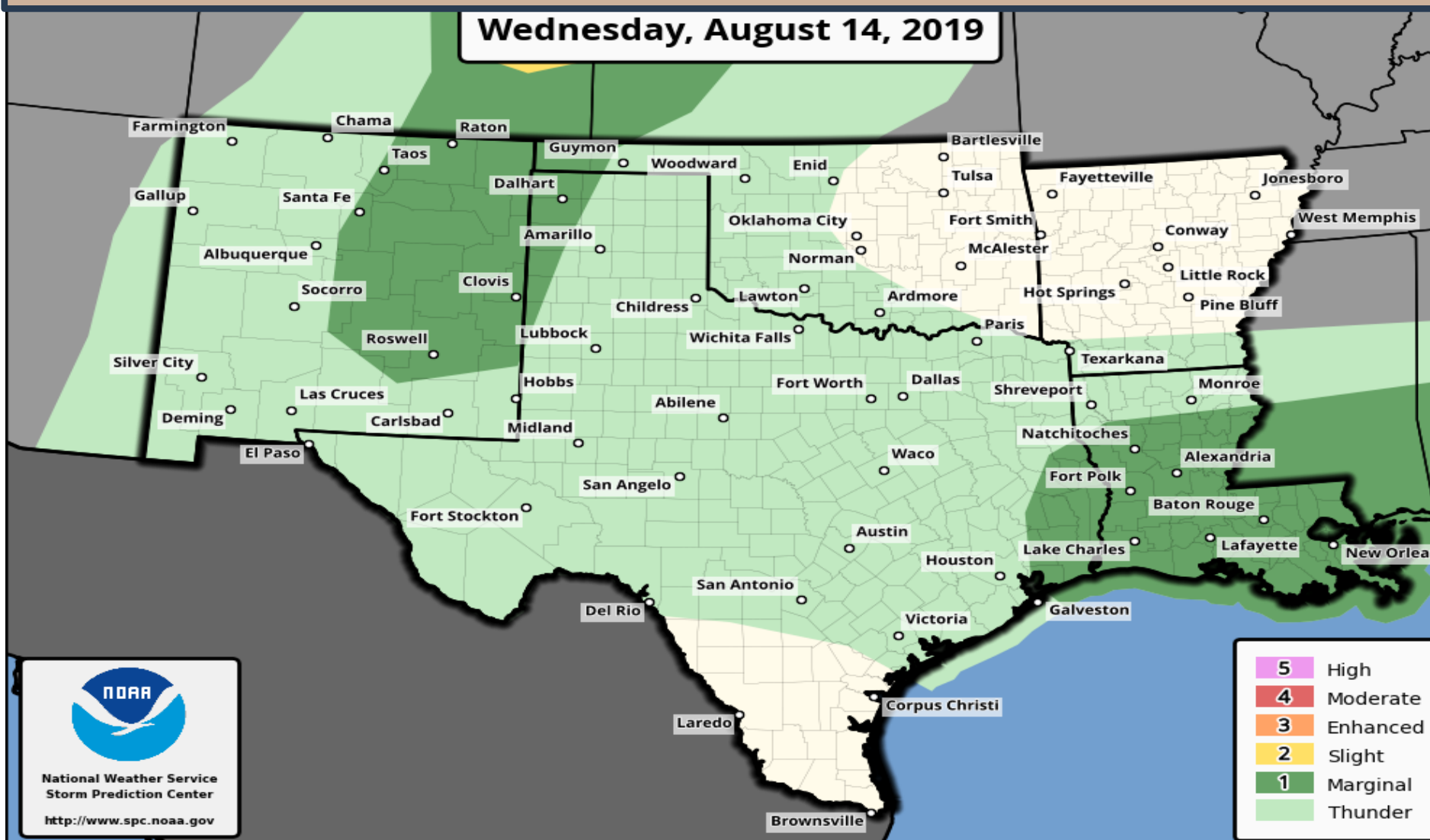
Isolated strong to severe thunderstorms possible over LA, ETX, E NM & the TX/OK Panhandles. Damaging winds are the main threat.

Locally heavy rain/isolated flash flooding possible across E NM, TX Panhandle, ETX & LA.



Severe Weather Outlook

Excessive Rainfall Outlook



Watches, Warnings, and Advisories



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Excessive Heat



Graphic Created
August 14th, 2019

Severe Weather & Flooding



Graphic Created

**Heat Advisories continue for
E & STX/LA today**

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather



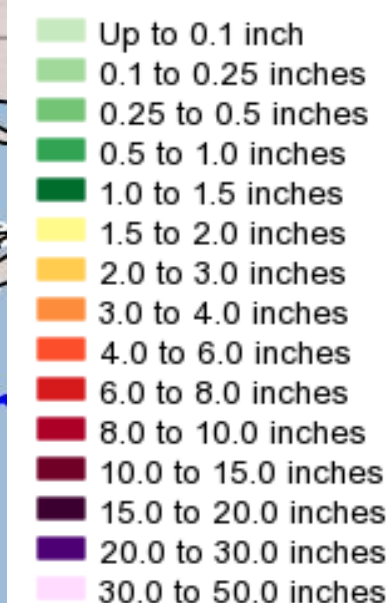
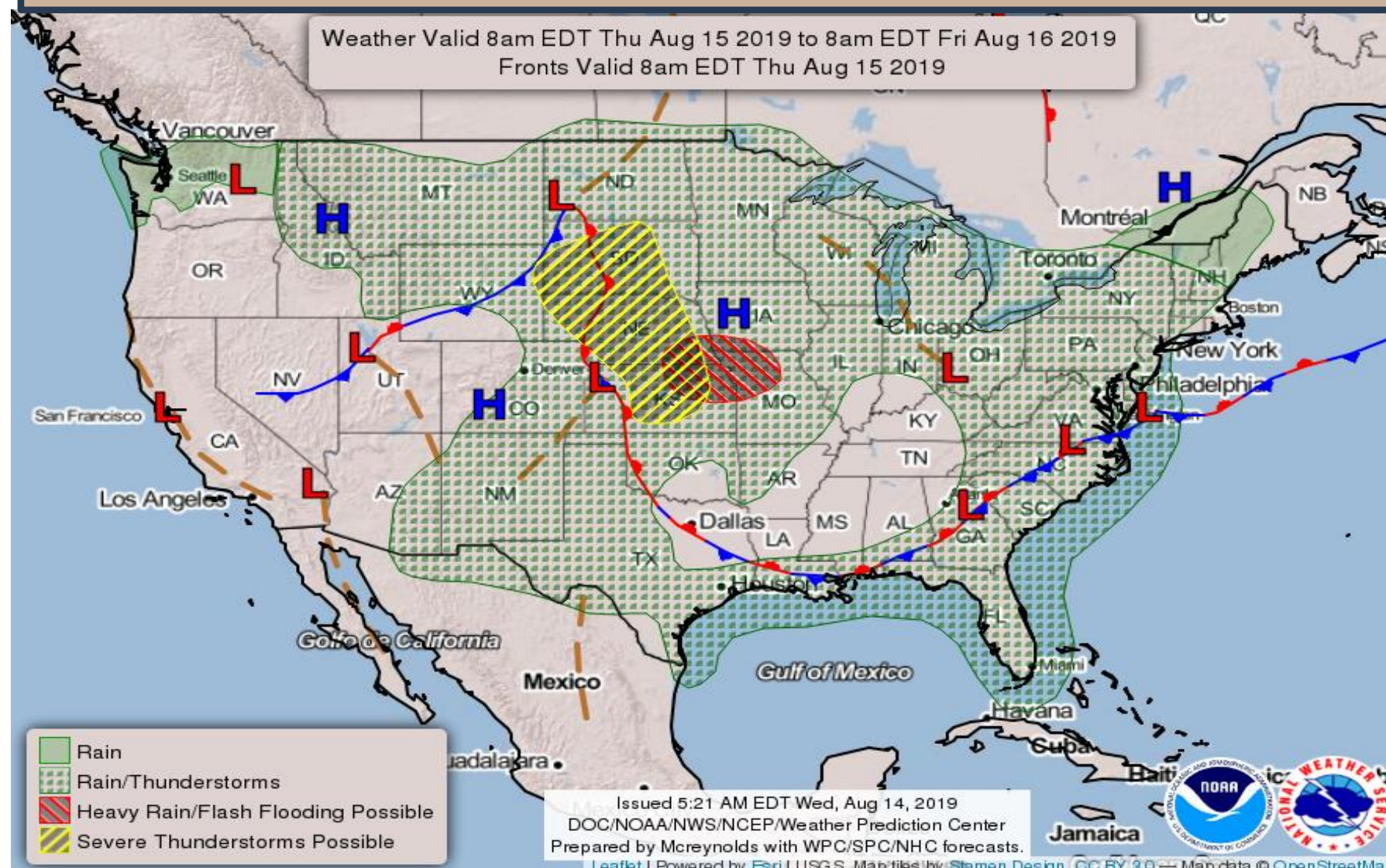
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Forecast Chart

Forecast Rainfall

Isolated strong to severe storms possible over the TX/OK Panhandles

Heavy rainfall/isolated flash flooding possible across NM.

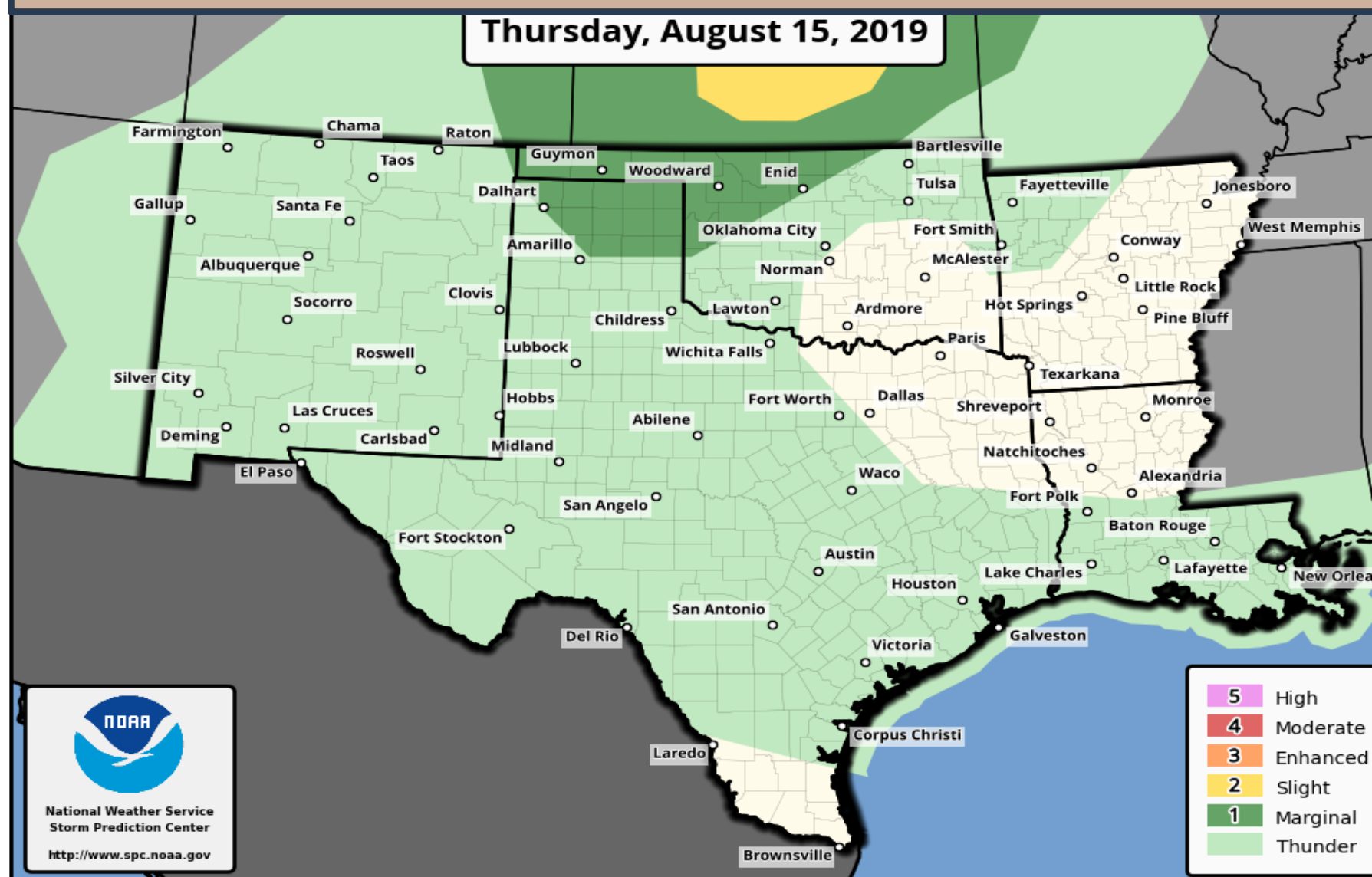


Graphic Created
August 14th, 2019
5:43 AM CDT

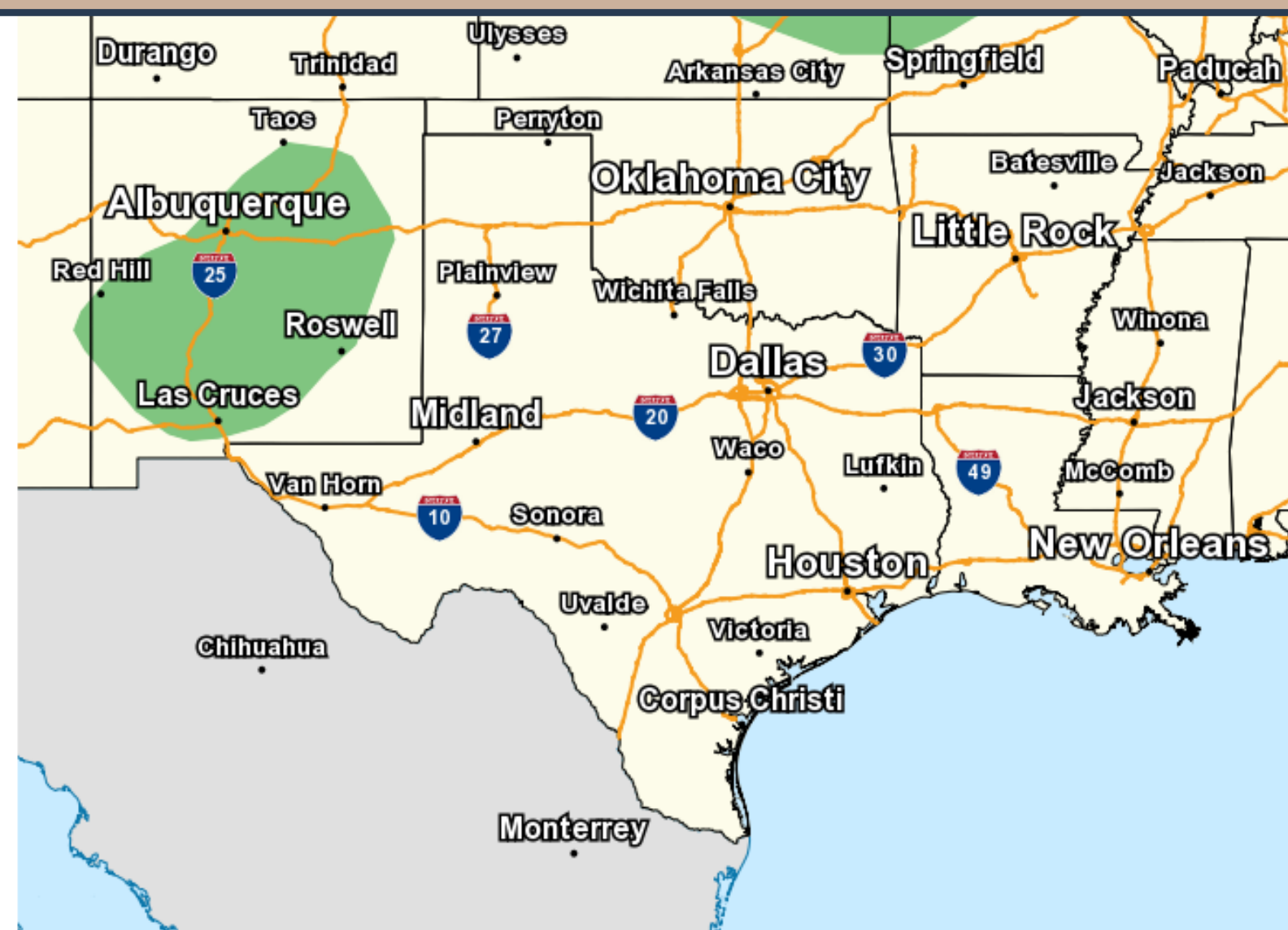


Severe Weather Outlook

Excessive Rainfall Outlook

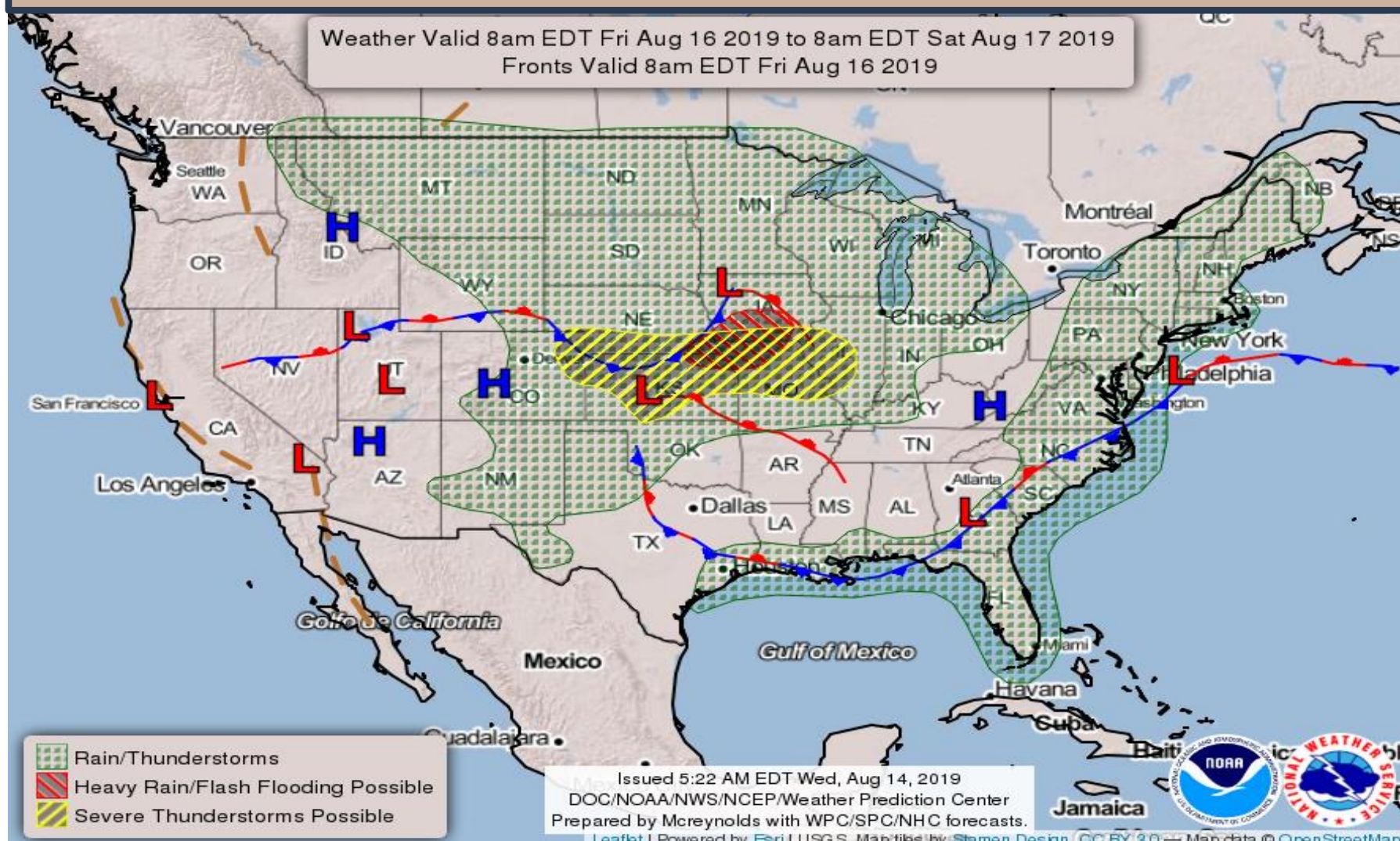


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August 14th, 2019
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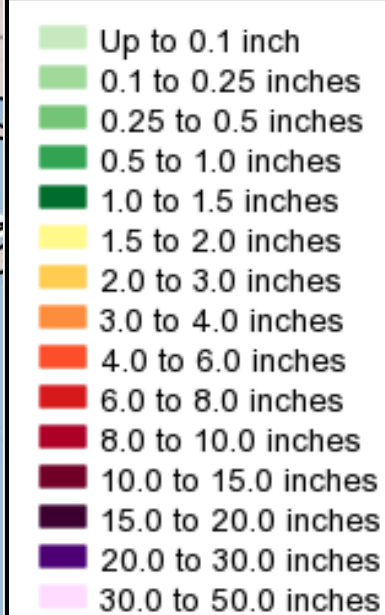


Friday's Weather

Forecast Chart



Forecast Rainfall

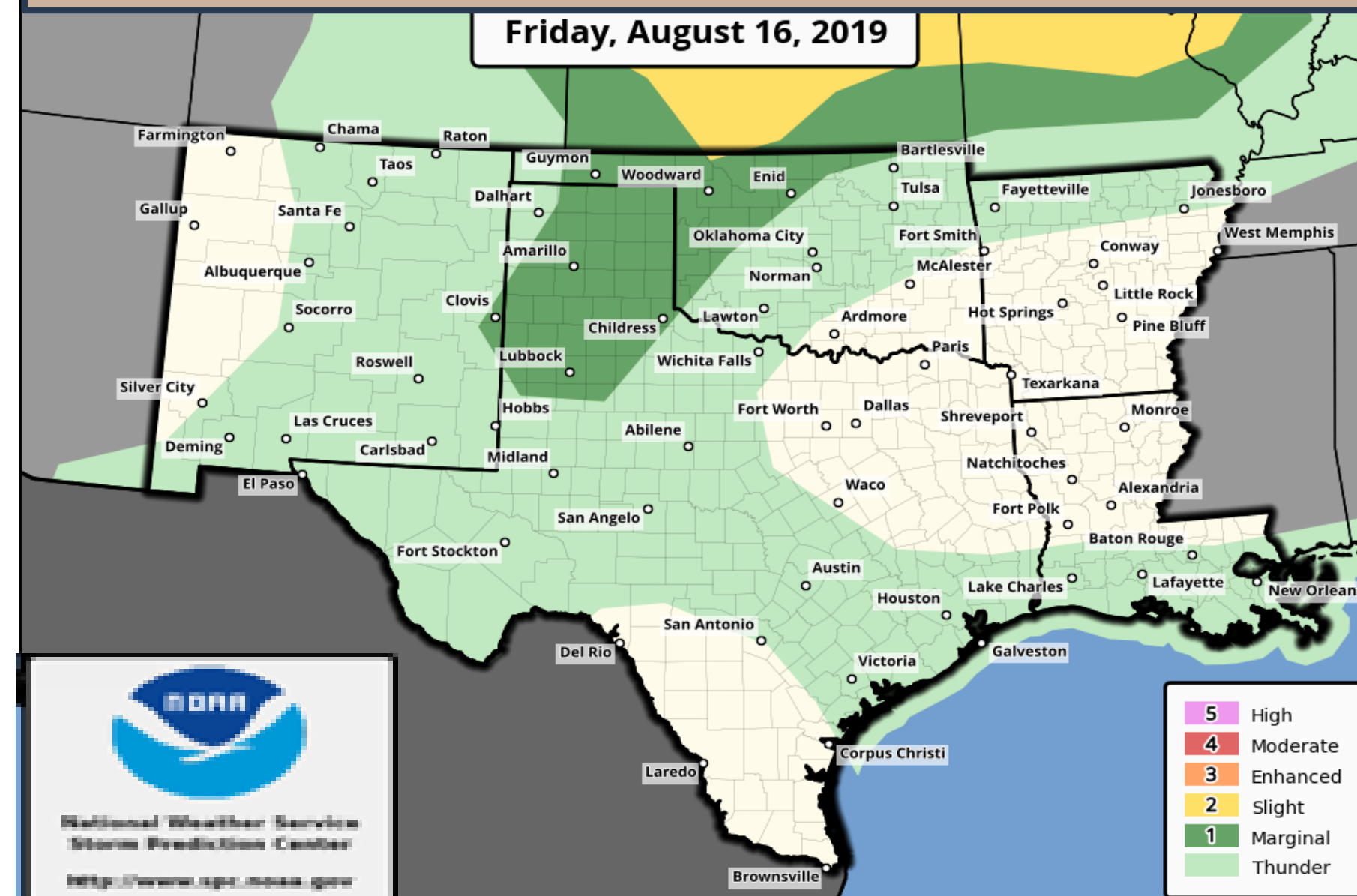


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Isolated strong to severe storms possible over the TX/OK Panhandles

Severe Weather Outlook

Friday, August 16, 2019



Excessive Rainfall Outlook

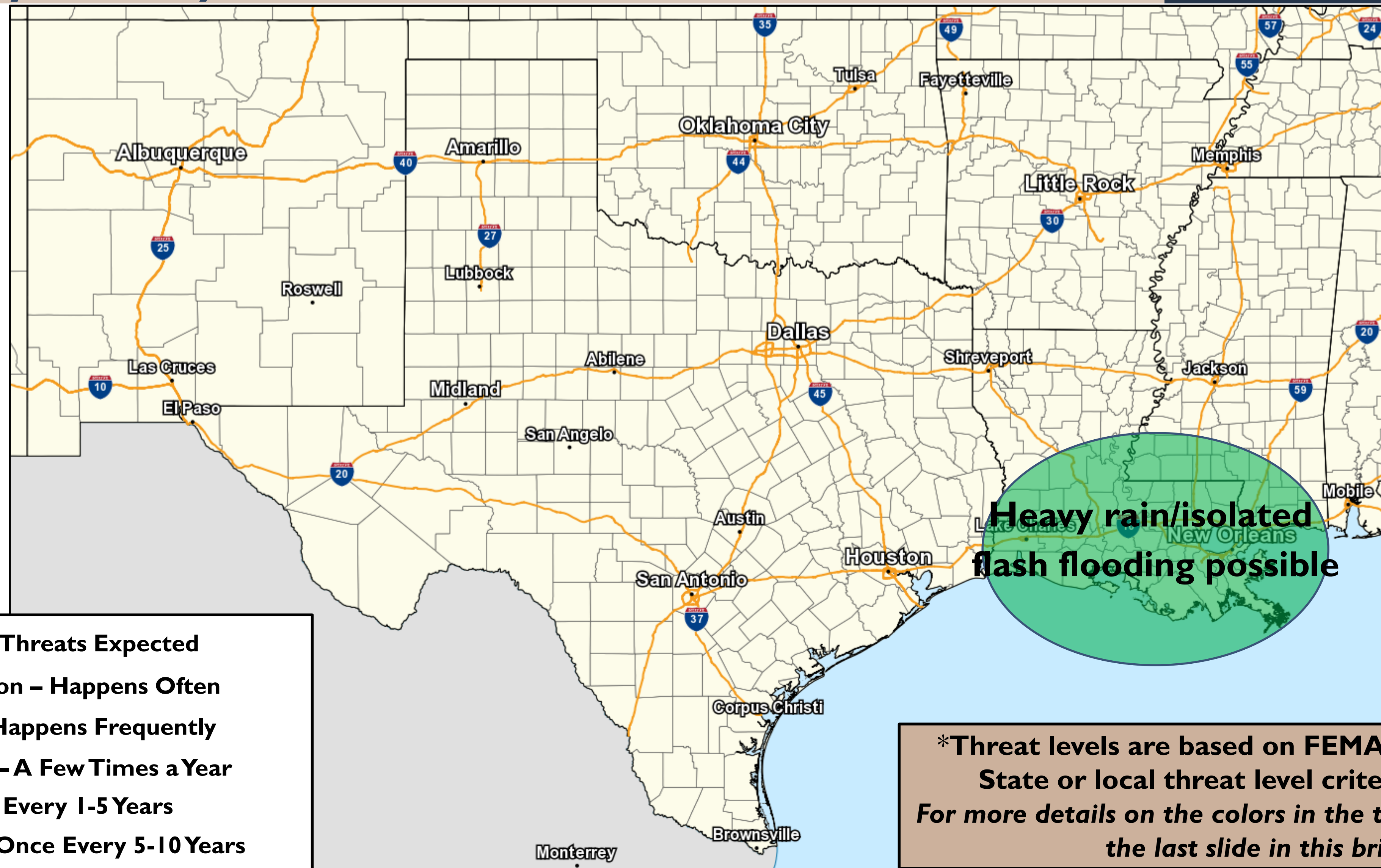


Days 4-5 Weather Hazards

Saturday - Sunday



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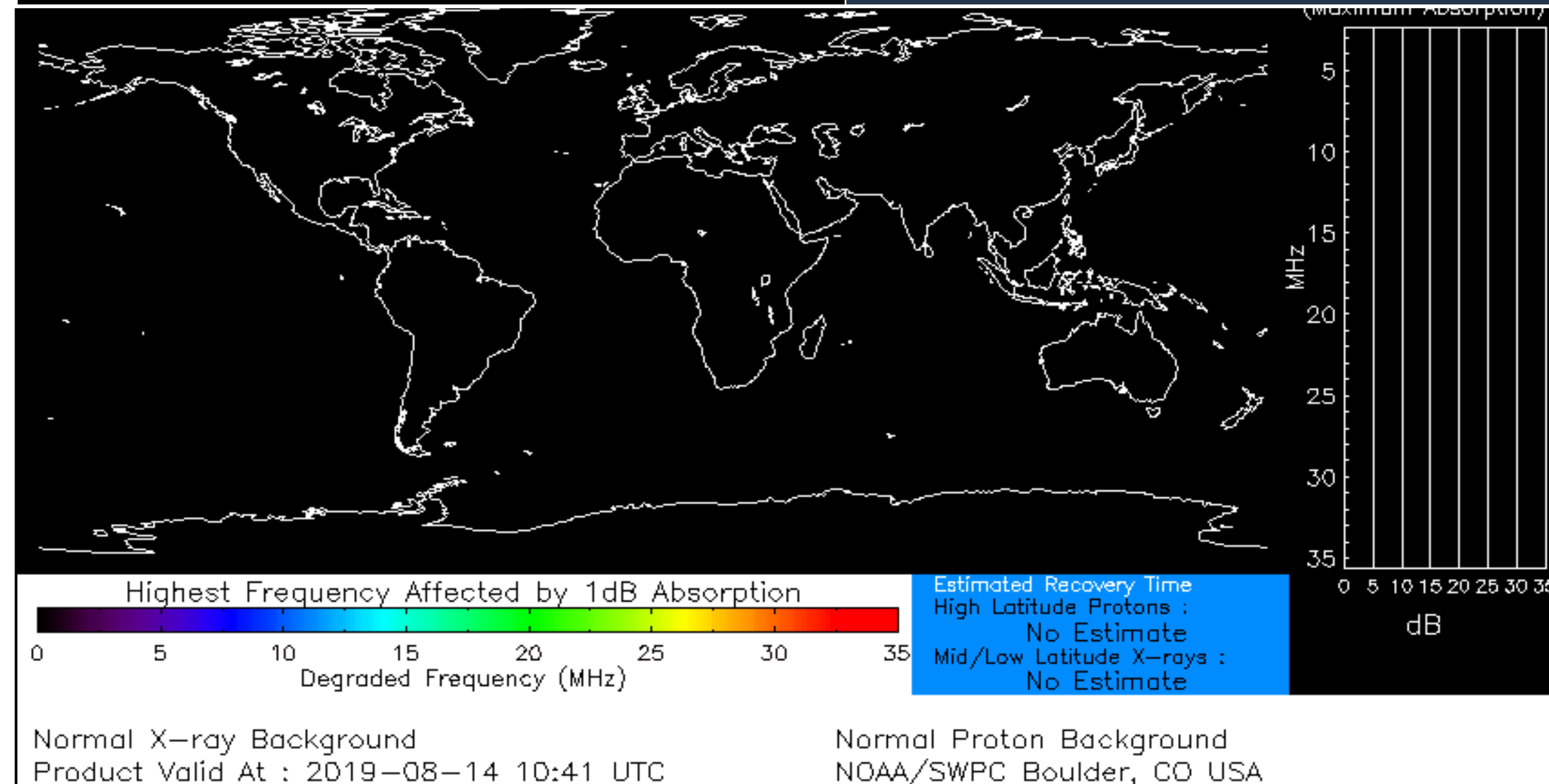
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the last slide in this briefing.

Space Weather 3-Day Forecast



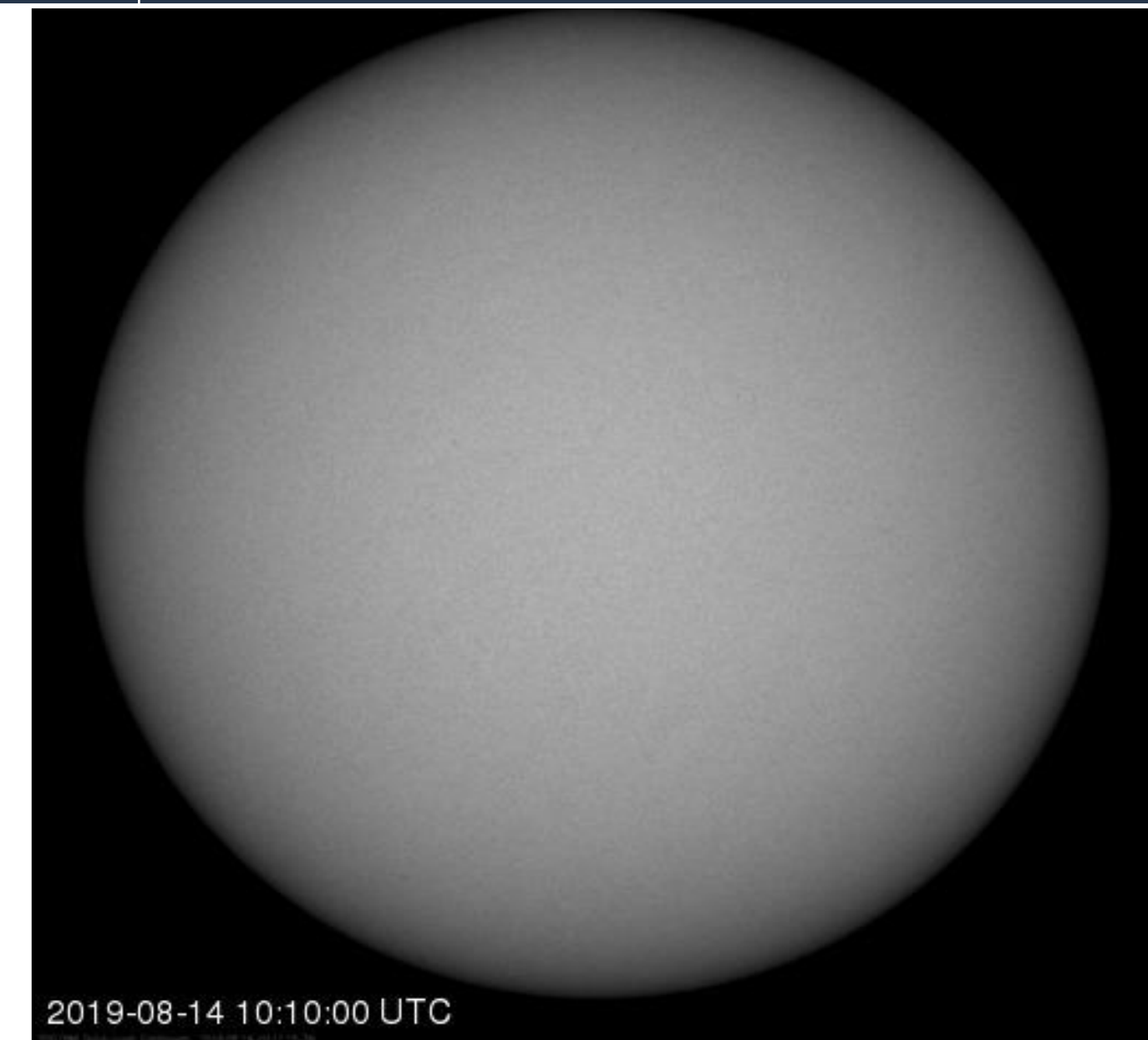
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov